

CSWC Operational Period Summary

0600 May 20 2015 to 1800 May 20 2015



An estimated 21,000 gallon oil spill just North of Refugio State Beach coating 4 miles of the shoreline and a sheen 50-100 yards wide, Santa Barbara County 05/19/15.

Photo Credit: Santa Barbara Independent

Note: [Report changes/updates are in blue](#)



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SITUATION SUMMARY

SPILL: 15-2785, Refugio Beach, Goleta, Santa Barbara County

- On 05/19/15 at 1243 hours the California State Warning Center received a report from the Santa Barbara County Fire Department indicating that a ¼ mile sheen was observed off of Refugio State Beach, near Goleta, Santa Barbara County.
- On 05/19/15 at 1510 hours the NRC reported that Plains All American Pipeline advised that crude oil was discovered to be coming out of a transmission pipeline at a Culvert under Highway 1. Contractors responded to scene and the action line was shut in.
- The source of the spill was capped at approximately 1500 hours on 05/19/15, but a significant amount of oil reached the ocean at Goleta.
- **Mission opened in Cal EOC: 2015-05-19 Santa Barbara Refugio Oil Spill Incident.**
- **Governor Brown Declares State of Emergency in Santa Barbara County to Assist Oil Spill Response.** See attached <http://gov.ca.gov/news.php?id=18967>

Weather Forecast

- Spill is in a transition area for the winds. To the West of the site, winds tonight are expected to be from the NW at no more than 10 knots, then becoming weak and variable about midnight. To the East of the site, winds are expected to be from the SW to SSW at no more than 10 knots, becoming weak and variable (less than 3 knots) by about 2000-2100.

Trajectory and Shoreline Impacts

- Trajectory Analysis per OSPR:
- Two scenarios, one for each wind scenario:
 - If the winds are from the NW there will be very little new shoreline oiling by tomorrow morning. An offshore slick of 2 - 4 miles that was to the S - SE of the beach source could be expected. The exact distance and location of the offshore slick would depend on how the oil came off the beach and when it came off the beach.
 - If the winds are from the SW tonight, oil would be expected to remain pinned to the shoreline and by tomorrow morning the shoreline extent of the oiling could extend another 2 - 4 miles to the East of where it was reported on 05/19/15.

Activations

- The Incident Command Post (ICP) was moved to the County EOC facility on 05/20/15 at 0600 hours. The EOC will not be activated.

Deployments

- Unified Command:
 - Federal on Scene Coordinator: US Coast Guard (USCG) & the Environmental Protection Agency (EPA).
 - State on Scene Coordinator: CA State Parks & CA Fish and Wildlife (CDFW).
 - Local on Scene Coordinator: Santa Barbara County Office of Emergency Management (OEM).
 - Tribal Coordination: Owl Clan Consultant is representing the Chumash Community.
 - Responsible Party: Plains All American Pipeline LLC.

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Deployments

- Cal OES Personnel at scene:
 - A Cal OES Fire Assistant Chief, Cal OES Southern Regional Administrator, Cal OES Southern Deputy Regional Administrator, Cal OES Southern Region Emergency Services Coordinator (ESC), Cal OES Southern Region Ports and Harbors ESC, and (2) Cal OES Public Information Officers are at scene.
 - The Cal OES Southern Duty Officer (SDO) continues to monitor the situation and support the deployed staff.

Responding Agencies

Federal

- USCG, FEMSA, EPA, US Fish and Wildlife, and NOAA..

State

- Cal OES, CA State Parks, Cal OSPR, CA Fish and Wildlife, and Cal Volunteers.

Local

- Santa Barbara County OEM, Santa Barbara County Fire Department, Santa Barbara Sheriff's Office, Owl Clan Consultant representing the Chumash Community, and the Gaviota Police Department.

Beach and Campground Closures

- Refugio Beach camp ground was evacuated and closed at 05/19/15 at 1800 hours per order of Santa Barbara Public Health Officer.
- El Capitan Beach camp ground was evacuated and at 05/20/15 at 1420 hours to ensure the health and safety of visitors.
- A website was established for the public to go to for more information at www.refugioresponse.com.
- No shelters established.

Road Closures

- None reported.

Access and Functional Needs:

- An AFN interpreter is being deployed for the Press Briefing at 5/20/15 1815 hours.

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Operations

- Per Cal OES Southern Region Emergency Operations Center 1530 Situation Report:
 - Approximately 4 miles of Refugio Beach was impacted by the spill.
 - 20 barrels of oil were retrieved from the ocean and 100 barrels of oil were picked up at the spill site. As of 05/20/15 at 1400 hours, 3,690 gallons of oil have been collected offshore.
 - 3000 feet of boom has been deployed.
 - The investigation of the pipeline rupture is complete. The pipeline is 11 miles in length and five feet underground.
 - Equipment with dirt is pre-positioned to dam the spill site for protection from high tide and potential precipitation expected on Friday.
 - Pacific Petroleum is in the process of repairing the ruptured pipeline.
 - ETA to be determined.
 - Contractors are ready to fix the pipe but are awaiting an Air Quality Permit and a Cultural Resources permit to begin repairs.
 - There is no ETA on the permits.

Resources

- Per Cal OES Southern Region Emergency Operations Center 1530 Situation Report:
 - There are currently three boats with six total skimmers cleaning the water offshore.
 - There are 156 personnel responding on scene with more order, including an additional 100 ordered through Patriot Environmental.
 - There are currently 116 personnel at the ICP.

SITUATION SUMMARY

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Cultural Impacts

- Impacted areas have several cultural sites for the Chumash Tribe. Owl Clan Consultant is representing the Chumash Community and is training and will deploy people to monitor impacted coast to ensure that cultural sites are protected.

Environmental Impacts

- OSPR has ordered a ban on fishing and the taking of shell fish in the spill area. Report is attached.
- Local Animal Rescue and environmental groups such as Clean Seas and the Environmental Defense Center are mobilizing to assist impacted wildlife.
- The Oiled Wildlife Care Network (OWCN) has been activated.
- The OWCN has posted a blog listing the activities of the recovery and transport teams, as well as the work of the Cordelia facility and others involved in the wildlife response efforts. You can access their blog at: <http://www.owcn.org>
- Teams are on site now conducting wildlife reconnaissance and Search and Rescue activities.

Volunteers

- California Volunteers is working with the California Department of Fish and Wildlife's (CDFW) office of Oil Spill Prevention and Response (OSPR).
- At this time there is no request for volunteer public assistance to help with oil spill response operations.
- OSPR is working with UC Davis, Oiled Wildlife Care Network's staff and pre-trained volunteers, and the CDFW's Natural Resource volunteers for oiled animal recovery and transport. The public can assist by visiting this website www.wildlife.ca.gov/ospr/volunteer or by reporting oiled wildlife by calling 877-UCD-OWCN.

Public Information

- Joint Info Center (JIC) has been established.
- OSPR has an incident website that the JIC will be posting information to.
 - JIC WEBSITE: <https://calspillwatch.dfg.ca.gov/Spill-Archive/Santa-Barbara-County-Spill>
 - Future media inquiries regarding Refugio State Beach oil spill should call: **805-696-1188**.
- A Third-Party Claims telephone number has been established for businesses and others to report economic losses or costs due to the oil spill: 1-866-753-3619

SITUATION SUMMARY

Gas Leak, San Francisco, San Francisco County (Final)

- On 05/20/15 at 1626 hours the California State Warning Center received a report from the Coastal Duty Officer (CDO) advising that a Gas Leak had occurred near the Moscone Center in San Francisco.
- The CDO advises: At 1541 hours today on 4th Street between Howard and Folsom, a gas line broke due to a sidewalk collapse at a construction site. The sidewalk collapse occurred at the loading dock to Moscone Center.
- SFPD, SFFD, and PG&E are on the scene. PG&E secured the gas line at 1700 hours and is in the process repairing the line.
- Traffic is closed off on 4th Street around Moscone Center. Moscone North and South are being evacuated. Moscone West is sheltering in place. SFPD has established a command post at the scene.
- The number of people evacuated was less than 200 were evacuated from Moscone North and South buildings. MUNI is working to reroute impacted services.
- California Utilities Emergency Association (CUEA) confirms that PG&E gas is on location.
- Cal OES Duty Officers are monitoring the situation and will provide updates as they become available.

6.8M Earthquake, Solomon Islands

- On 05/20/15 at 1548 hours a 7.0M EQ occurred off the Solomon Islands. The EQ was later downgraded to a 6.9M and then a 6.8M.
- A Tsunami Information Statement was received. There was no tsunami threat to California.
- The California State Warning Center conducted a roll call with the California Coastal and Delta Counties.

2 Car Derailment, Oakland, Alameda County

- On 05/20/15 at 1818 hours the California State Warning Center received a report from Union Pacific Rail Road advising that during a forward pull of six empty railcars in the rail yard, two cars derailed upright. The two cars are empty refrigerated railcars. Unknown what they last contained. There is no release associated with this incident and the mainline is not impacted. The rail yard is located at 81st Ave and San Leandro in Oakland, Alameda County

Proclamations

- Marin County 2014 December Winter Storm Continuance received.

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought

Weather of Concern

- There are no significant Watches or Warnings in effect at this time

Active Weather Warnings, Watches and Advisories by County: http://www.wrh.noaa.gov/sto/brief/wwwa_bc_cal.php



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Key Points

05/21 – 05/27

Thursday-Friday

- Scattered showers and thunderstorms
 - Localized flooding and rock slides with heavier showers
- Snowfall in the Sierra Nevada above 7500 feet

Saturday-Wednesday

- Isolated showers and thunderstorms mainly over the mountains



California OES Impact Threat Matrix

May 21 – 27, 2015

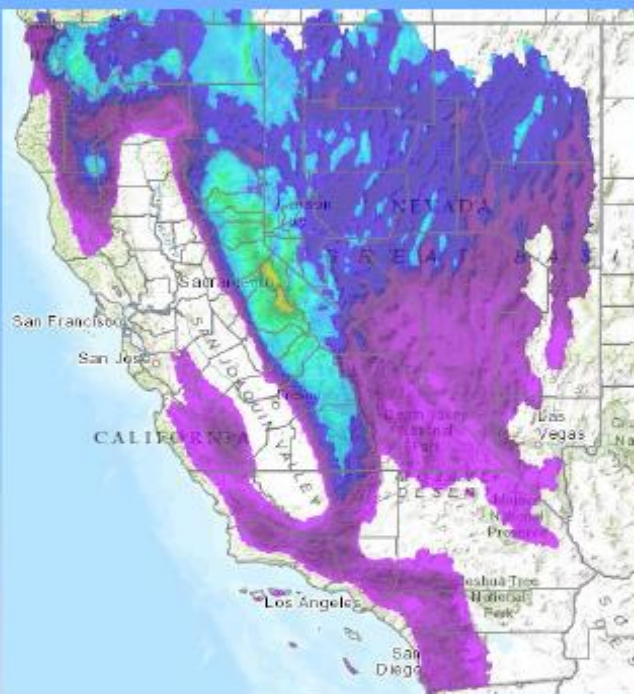
DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Fire Weather							
Winds							
Extreme Cold							
Snow							
Heavy Rain/ Flash Flooding							
River Flooding							
Severe Weather							
Heat							
Tropical							

	High Threat
	Moderate Threat
	Slight Threat
	No Discernible Threat

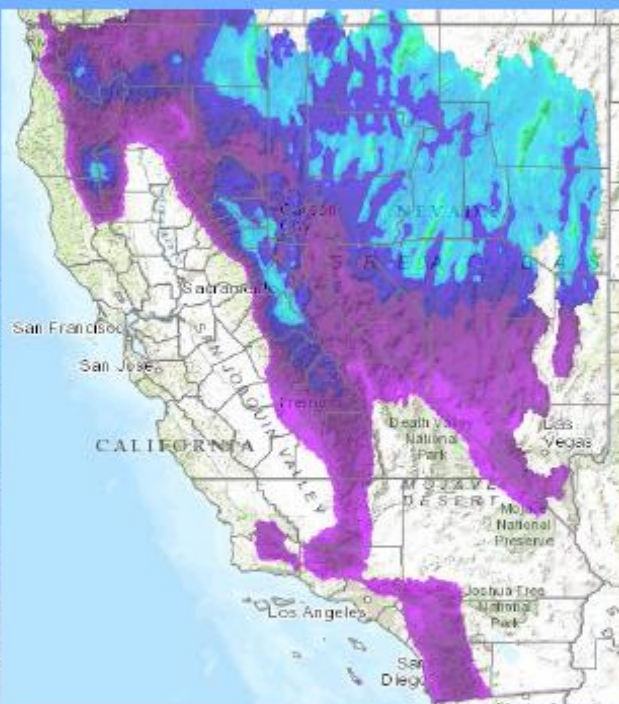


Days 1-3 Precipitation Forecast

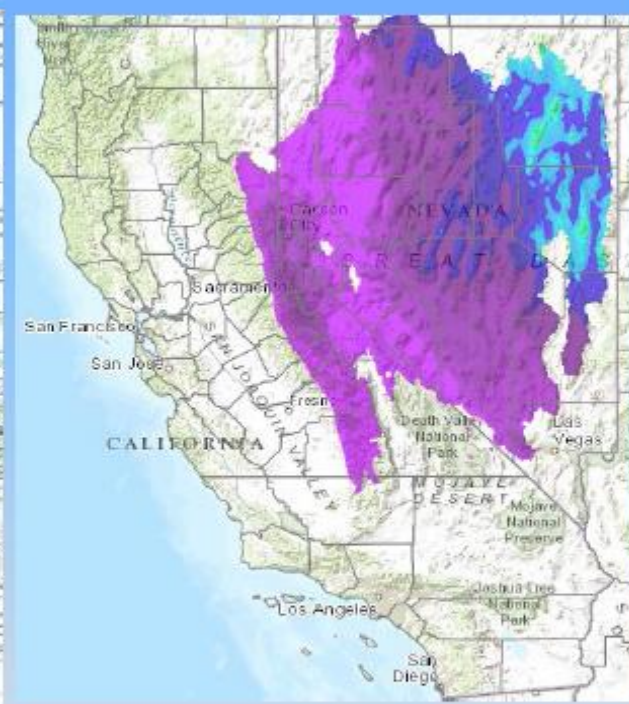
Precipitation (inches)



Thursday



Friday



Saturday

Total precipitation 1.00 – 2.50" in the Sierra, 0.50 – 1.50" in the north, and less than 0.25" Valleys and Deserts.



WEATHER

WEATHER SYNOPSIS BY REGION:

NORTHERN CALIFORNIA

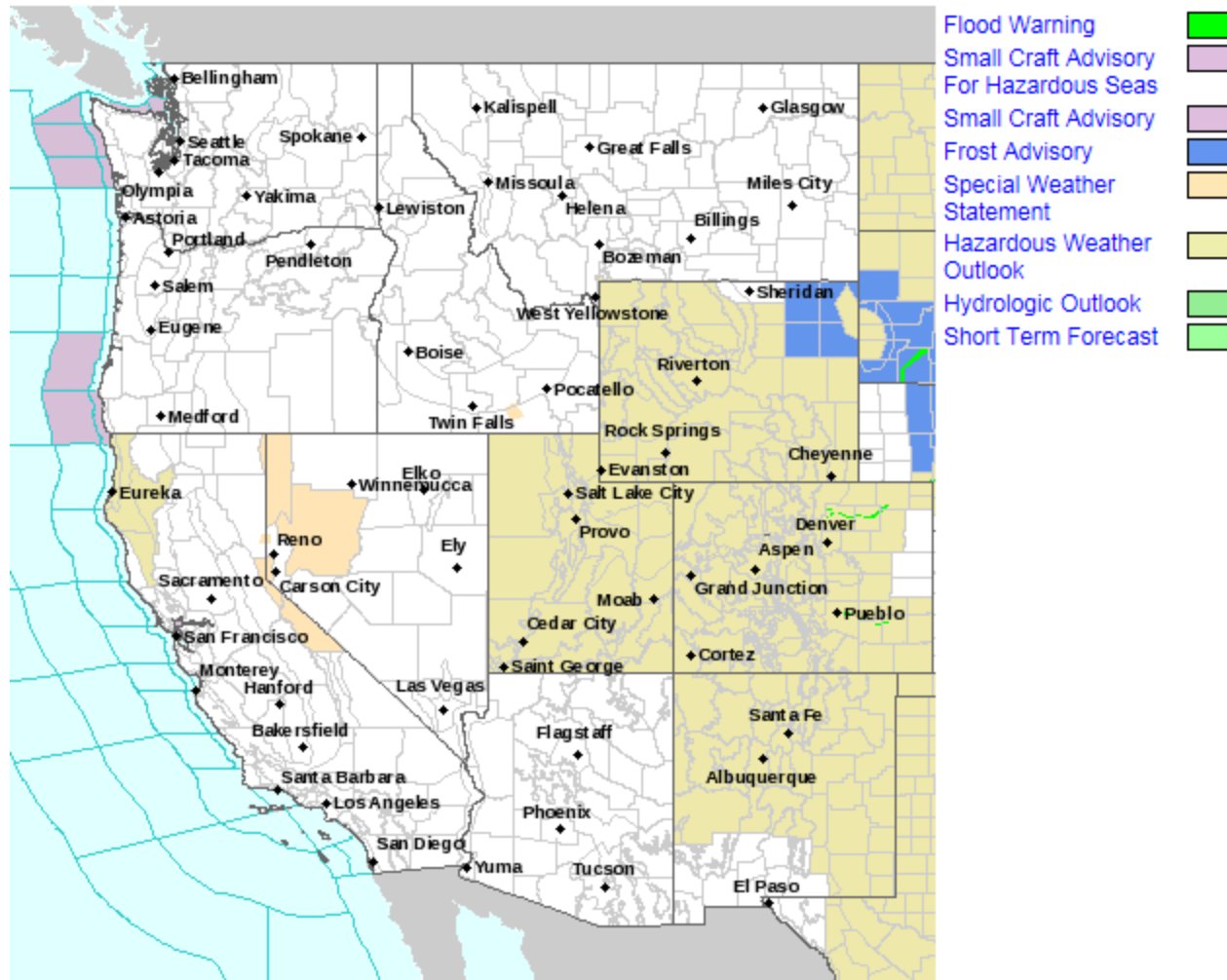
The region remains under the influence of weak but persistent low pressure thru Friday, with moist, cool, unsettled weather. There will be a daily chance of showers and isolated thunderstorms, mainly in the afternoons, over the mountains. Variable cloudiness but high humidity will prevail over most other areas that do not get precipitation. Drier weather with a high pressure this weekend. Another small low drops down from the Pacific Northwest Sunday and Monday that could brush for northern areas with isolated showers. Otherwise gradual drying will continue for most areas, with near normal temperatures and humidity.

SOUTHERN CALIFORNIA

A weak low pressure area currently located off the Central California coast will slowly swing through the region over the next 3 days. This will lead to considerable cloudiness, below normal temperatures with windy conditions in and near the deserts. Scattered showers and isolated thunderstorms will continue over the Sierras today and Thursday, but a better chance of precipitation will occur Thursday night into Friday when the low moves through Southern California and northern Baja. A few overnight thunderstorms will be possible Thursday night, but all storms this week should produce some rainfall. Most areas will see under a quarter of an inch of precipitation. West winds of 20-30 mph with gusts to 45 mph will be possible in the Antelope Valley, Banning Pass and the east side of the Cleveland National Forest Thursday and Friday. Locally gusty northwest winds will be possible this weekend along the central coast as the storm departs the region. One or two showers will be possible in the Sierras and deserts Saturday, but the rest of the weekend into early next week should be precipitation-free. Temperatures will remain a few degrees below average this weekend with highs in the 50s to lower 60s in the mountains, 70s in the valleys to the 80s in the low deserts. Widespread night through morning marine layer stratus may reach the lower coastal slopes each day through early next week. No above normal temperatures or offshore winds are expected during the period.



STATE WEATHER MAP



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FIRE ACTIVITY



Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 1

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued Executive Order B-26-14 on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought, specifically through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- The Governor issued Executive Order B-29-15 on 04/01/15 which announced actions that will save water, increase enforcement to prevent wasteful water use, streamline the state's drought response and invest in new technologies to make California more drought resilient.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate the Community Impacts Workgroup conference calls. Currently, the calls take place on alternating Wednesdays.
- Cal OES Regional (Inland, Coastal, Southern) conference calls continue to occur on a weekly basis.

CAL OES 2014 DROUGHT

Cal EOC Incident – 2014 Drought

Local Emergency Proclamations:

A total of 57 local Emergency Proclamations have been received to date from city, county, and tribal governments, as well as special districts:

- 25 Counties: El Dorado, Fresno, Glenn, Inyo, Humboldt, Kern, Kings, Lake, Madera, Mariposa, Merced, Modoc, Plumas, San Bernardino, San Joaquin, San Luis Obispo, Santa Barbara, Shasta, Siskiyou, Sonoma, Sutter, Trinity, Tulare, Tuolumne, and Yuba.
- 11 Cities: City of Live Oak (Sutter County), City of Lodi (San Joaquin County), City of Montague (Siskiyou County), City of Portola (Plumas County), City of Ripon (San Joaquin County), City of San Juan Bautista (San Benito County), City of Santa Barbara (Santa Barbara County), and City of West Sacramento (Yolo County), City of Willits (Mendocino County), City of Manteca (San Joaquin County), City of Porterville (Tulare County).
- 9 Tribes: Cortina Indian Rancheria (Colusa County), Hoopa Valley Tribe (Humboldt County), Karuk Tribe (Siskiyou/Humboldt Counties), Kashia Band of Pomo Indians of the Stewarts Point Rancheria (Sonoma County), Picayune Rancheria of Chukchansi Indians (Madera County) Sherwood Valley Pomo Indian Tribe (Mendocino County), Tule River Indian Tribe (Tulare County), Yocha Dehe Wintun Nation (Yolo County), and Yurok Tribe (Humboldt County).
- 12 Special Districts: Carpinteria Valley Water District (Santa Barbara County), Goleta Water District (Santa Barbara County), Groveland Community Services District (Tuolumne County), Lake Don Pedro Community Services District (Mariposa Stanislaus County), Mariposa Public Utility District (Mariposa County), Meiners Oaks Water District (Ventura County), Montecito Water District (Santa Barbara County), Mountain House Community Service District (San Joaquin County), Nevada Irrigation District (Nevada County), Placer County Water Agency (Placer County), Tuolumne Utilities District (Tuolumne County), and Twain Harte Community Services District (Tuolumne County).

CAL OES MISSIONS

Closed Cal OES Missions

- **2015-LAW-12715, 05/19/15 at 1229 hrs.**, The Cal OES Law Duty Officer (LDO) requested a SAR mission be opened for a Mutual Aid request from San Bernardino County. A missing 86 year old adult male with Alzheimer's walked away from his family camp on Monday morning. Barstow Search and Rescue is currently working the search and is requesting Mutual Aid for 30 Ground Searchers. Cal OES LDO coordinating resources. **UPDATE:** On 05/20/15 at 1321 hours the LDO advised that the MP had been located alive and was taken to a local hospital for treatment.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.